

Notice of Allowability

Application No.

09/992,644

Examiner

Azizul Choudhury

Applicant(s)

GOLDICK, JONATHAN S.

Art Unit

2145

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 2/22/07.
2. ☒ The allowed claim(s) is/are 1-2, 7-12 and 17-20.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


JASON CARDONE
SUPERVISORY PATENT EXAMINER

Detailed Action

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to the applicants, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it must be submitted no later than the payment of the issue fee.

Authorization for this Examiner's Amendment was given on April 26, 2007 by Elizabeth Reagan.

The following are the examiner's amendments to the claims received on February 22, 2007:

- Please cancel claims 3-6 and 13-16.

1. (Currently Amended) A method of locking a resource in a distributed environment communicating in a Distributed Authoring and Versioning (DAV) protocol, wherein the DAV protocol is an extension of Hypertext Markup Language (HTTP), the method comprising:

receiving a request in the DAV protocol to access the resource, wherein the request originates from a requesting client computer system;

in response to the request, creating a lock having a predetermined type, wherein the predetermined type is one or more of the following: nosharewrite, noshareread, and

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~~nosharedelete~~ provides availability to other client computer systems for predetermined purposes;

returning a lock token upon the creation of the lock to the requesting client computer system; and

performing the requested access.

10. (Currently Amended) A computer storage medium ~~program product encoded upon a computer readable medium readable by a computer and encoding~~ storing instructions for executing the method recited in claim 1.

11. (Currently Amended) A method of maintaining an advisory lock on a resource in a distributed environment communicating in a Distributed Authoring and Versioning (DAV) protocol, wherein the DAV protocol is an extension of Hypertext Markup Language (HTTP), the method comprising:

receiving an access request in the DAV protocol for the resource from a requesting client computer system;

determining whether the resource is locked with an advisory lock by another computer system;

if the resource is locked by another computer system with a conflicting advisory lock then denying access if the requesting client computer system honors advisory locks; and

if the requesting client computer system does not honor the advisory lock or if the resource is not locked with a conflicting lock, then creating a lock, returning a lock token upon creation of the lock, and performing the access.

12. (Currently Amended) A computer storage medium ~~program product encoded upon a computer readable medium readable by a computer and encoding storing~~ instructions for executing the method recited in claim 11.

Allowable Subject Matter

Claims 1-2, 7-12 and 17-20 are allowed.

The following is an examiner's statement of reasons for allowance: The claimed invention provides lock extensions to the DAV protocol, including advisory locks, nosharewrite, noshareread and nosharedelete. No prior art could be found to teach the claimed DAV protocol lock extensions.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Azizul Choudhury whose telephone number is (571) 272-3909. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jason Cardone can be reached on (571) 272-3933. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

AC


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SUPERVISORY PATENT EXAMINER